

LA-UR-18-23106

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Title: Mock Inspection Exercise Materials-Example For Training Purposes Only,
Version 3

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Intended for: New Mexico Environmental Department is hosting statewide training for
the public on the EPA NPDES Multi-Sector General Permit.

Issued: 2018-04-27 (rev.1)

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Mock Inspection Exercise Materials – Example For Training Purposes Only, Version 3

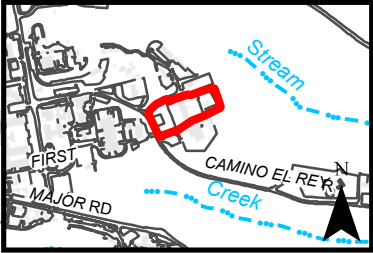
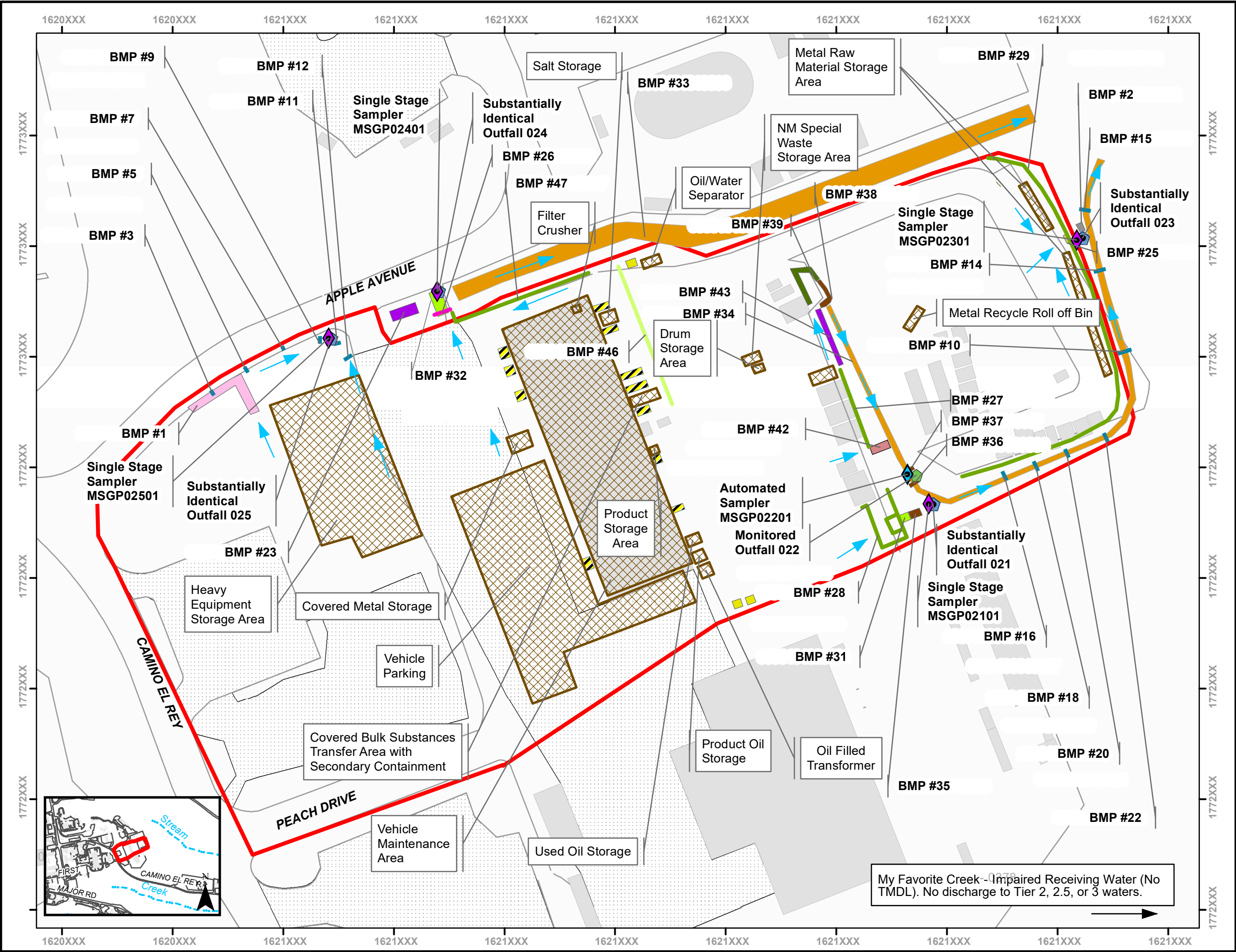
New Mexico Environmental Department (NMED) is providing statewide training to all entities that are currently or expecting to be covered by a National Pollutant Discharge Elimination System (NPDES) Multi-Sector General Permit (MSGP). The purpose of the training is to educate facility personnel on permit requirements and methods to stay compliant with a permit. NMED has invited personnel from Los Alamos National Laboratory Environmental Protection & Compliance – Environmental Compliance Programs to assist with the statewide training by developing training materials and assist NMED in presenting the training sessions.

The attached map mock-up and photos are intended as training materials for a mock MSGP routine facility inspection. In this exercise, participants will use the map and photos for a simulated field walk-down of a fictitious facility, the XYZ Widget Company's Production Complex. Participants will learn elements of storm water flow paths, how to identify potential storm water issues, and document their findings in order to meet permit requirements.

PRODUCTION COMPLEX
SITE MAP

Example For Training
Purposes Only

LA-UR-18-23106



- Automated Sampler
- Single Stage Sampler
- Monitored Outfall
- Substantially Identical Outfall
- Asphalt Berm
- EnviroSoxx w/ MetalLoxx
- Gravel Bags
- Rock check dam
- Trench Drain
- Drainage
- Paved Roads
- 10 ft Contour
- Boundary of Industrial Activity
- Angled Rock Rip Rap
- Asphalt Channel/Swale
- Drop Inlet with Petro Plug
- Drop Inlet with filters
- Earthen drainage channel
- Eco-Blok
- Gabion Swale
- Gabions
- Rip Rap
- Rock Channel/Swale
- Rock Swale
- Industrial Activity Areas
- Loading/Unloading Areas
- Dumpster
- Structues
- Paved Parking Lot
- Flow Direction

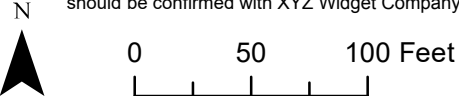
7.30 Acres, 100% Impervious Surface.
Note - No Critical Habitat Areas.

Map number: 16-0016
Map created by: Jane Admin, GIS Tech
Date: January 1, 2018
Revision 0

New Mexico State Plane Coordinate System
Central Zone (3002)
North American Datum, 1983 (NAD 83)
US Survey Ft

DISCLAIMER: This map was created for work processes associated with the Multi-Sector General Permit. All other uses for this map should be confirmed with XYZ Widget Company.

My Favorite Creek - Impaired Receiving Water (No TMDL). No discharge to Tier 2, 2.5, or 3 waters.



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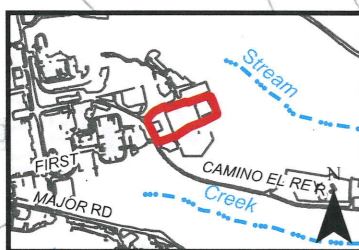
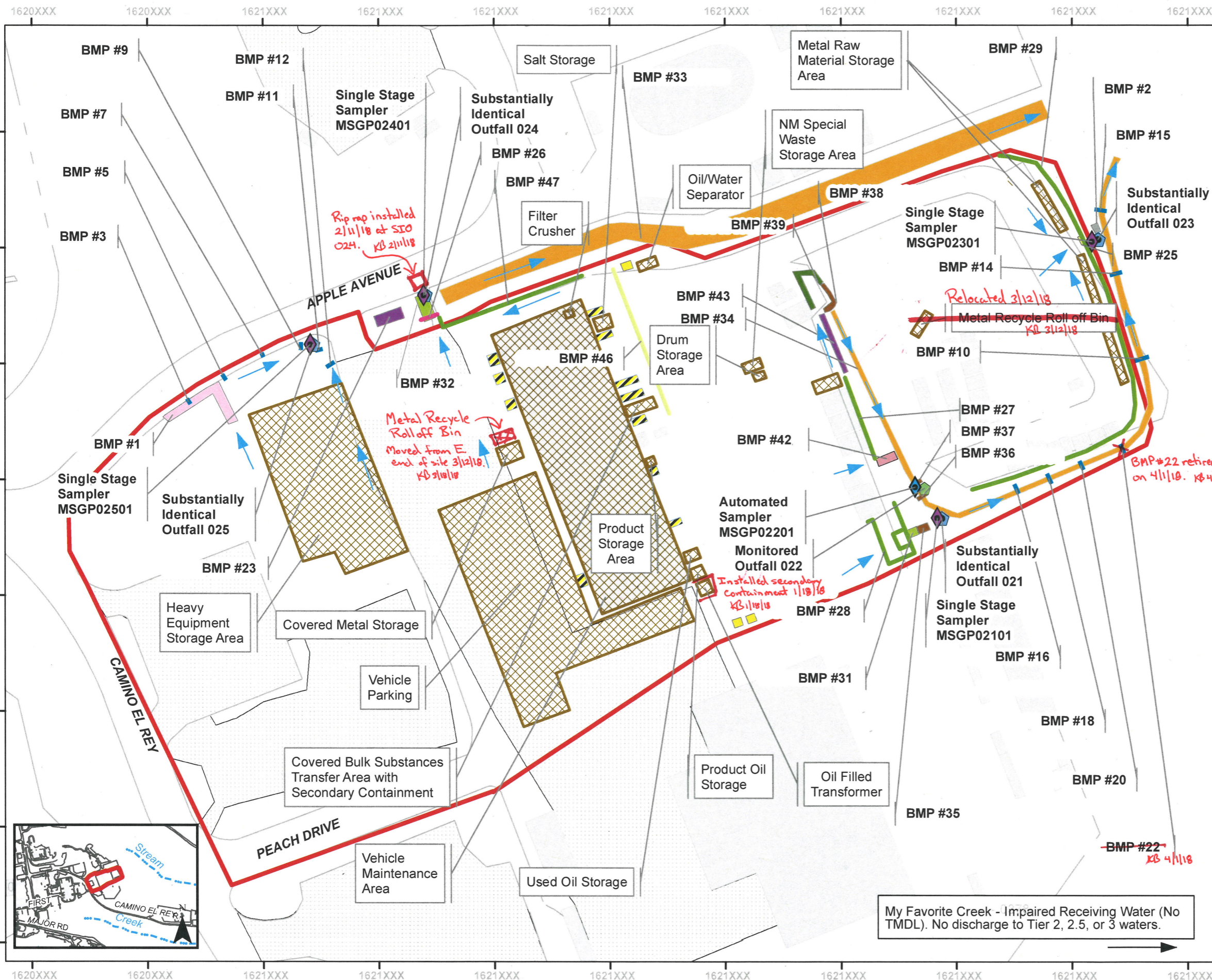
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0 50 100 Feet





Uncovered metals



Partially covered metals



Covered metals



Rust stains on pavement



Metal shavings on ground



Covered & uncovered bins



Gravel bag damage



Dirt tracking on pavement



Salt tracking on pavement



Housekeeping 1



Housekeeping 2



Housekeeping 3



Housekeeping 4 (note sign in upper right)



Rock swale 1



Rock swale 2



Earthen drainage channel



Asphalt swale



Rock check dams



Gabions



Asphalt berm w/ damage



Ecoblock



Erosion



Outfall erosion



Outfall w/ flow dissipation



Outfall w/ erosion protection



Outfall w/ MetalLoxx wattle



Open dumpster



Floatable debris in drainage



oil/water separator

Trench drain to



Drop inlet w/ filters



Oil sheen on water at drop inlet



Oil spill



Diesel spill from dump truck



Heavy equipment leaking oil



Oil spots from heavy equipment



Heavy equipment w/ drip pan



Good product storage